

Title (en)
INK COMPOSITION

Title (de)
TINTENZUSAMMENSETZUNG

Title (fr)
COMPOSITION D' ENCRE

Publication
EP 1862510 A1 20071205 (EN)

Application
EP 06714531 A 20060224

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Abstract (en)
There is provided an ink composition for ink jet recording that is free from feathering or bleeding and, at the same time, can realize high-gloss images particularly advantageous when the ink composition is recorded on specialty papers. The ink composition comprises at least a colorant, water, and a surfactant, wherein the surfactant satisfies a requirement represented by formula (I) $\theta - \pm \theta \neq 0$ wherein (i) θ represents contact angle of a recording medium with an aqueous solution containing 0.1% by weight of the surfactant 0.3 sec after the contact of the aqueous solution with the recording medium, degree; and (ii) θ represents contact angle of a recording medium with an aqueous solution containing 0.1% by weight of the surfactant, 20% by weight of glycerin, 10% by weight of 1,2-hexanediol and 1.0% by weight of triethanolamine 0.3 sec after the contact of the aqueous solution with the recording medium, degree.

IPC 8 full level
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